6/S LIBRARY

THE URBAN DISTRICT COUNCIL OF HINDLEY.

FORTIETH

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH,

together with the

Report of the Sanitary Inspector,

FOR THE YEAR 1940.

HINDLEY:
FRED BRADLEY AND SON LTD.,
1942.

THE URBAN DISTRICT COUNCIL OF HINDLEY.

FORTIETH

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH,

together with the

Report of the Sanitary Inspector,

FOR THE YEAR 1940.

HINDLEY .
FRED BRADLEY AND SON LTD.,
1942.

Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

https://archive.org/details/b2942981x

Public Health Department,

Town Hall,

Hindley.

To the Chairman and Members of the Hindley Urban District Council.

Gentlemen,

I have the honour to present the Annual Report on the health of the District for the year 1940.

The Report, as was the case last year, is very much abbreviated, and on this occasion it is intimated that the usual statistics would not be published, but preserved for use after the war.

The duties connected with the Civil Defence Service and other calls due to the national emergency occupy much time and attention of the staff.

Nevertheless, all the services of the department have been fully maintained.

My thanks are due to the Chairman and Members of the Public Health Committee for their co-operation and consideration at all times.

I am,

Your obedient servant,

J. CLAY BECKITT,

Medical Officer of Health.

March, 1941.

CONTENTS.

Staff 6

SECTION A.

Statistics and Social Conditions of the Area 7
Vital Statistics for the Year 8
Deaths and Death-rates, Birth and Birth-rates 10

SECTION B.

General Provision of Health Services for the Area ... 12
Infant Cases treated at the Clinic during the Year ... 12
Ante-Natal and Post-Natal Clinic during the Year ... 12
Hospitals 13
Maternity and Child Welfare 14

SECTION C.

Water 18
Drainage and Sewerage 18
Rivers and Streams 18
Closet Accommodation 18
Public Cleansing 18
Sanitary Inspection of the Area 18
Shops 18
Smoke Abatement 18
Swimming Baths and Pools 18
Eradication of Bed-bugs 19
Schools 19

SECTION D.

Housing 19

SECTION E.

Milk Supply 20
Meat and Other Foods 20
Carcases Inspected and Condemned 20
Adulteration, Etc. 21
Nutrition 21

SECTION F.

Infectious Diseases 21
Prevention of Blindness 23
Tuberculosis 23

APPENDIX II.

Local Statistics 23
National Statistics 25

SANITARY INSPECTOR'S REPORT.

Housing 26
,, —Overcrowding 27
,, —Eradication of Bed-bugs 27
Provision and Replacement of Ashbins 27
Disinfection 27
Meat Inspection 28
Summary of Inspections and General Sanitary Work ... 28
Summary of Nuisances dealt with 29
Factory and Workshops Acts 30
Defects found in Factories, etc. 30
Bakehouses 31
Offensive Trades 31
Dairies, Cowsheds and Milkshops 31
Sale of Food and Drugs Acts 32
Smoke Observations 32
Infectious Diseases 32
Red Cross Ambulance Services 33

TABLES.

Vital Statistics (I) 9
Birth-rate, Death-rate and Analysis of Mortality (II) ... 11
Infantile Mortality (III) 17
Infectious Diseases (IV) 22
Causes of and Ages at Death (V) 25

RAINFALL 34

Medical Officer of Health, Child Welfare Officer, and School Medical Officer:

J. CLAY BECKITT, L.R.C.P., M.R.C.S., D.P.H.

Deputy Medical Officer of Health:

H. B. BARKER, M.B., CH.B.LOND., M.R.C.S., L.R.C.P.E.

Consulting Gynæcologist - - - - - S. B. HERD, M.D.

Consulting Pathologist and Bacteriologist:
G. A. CARY LYNCH, M.D., D.P.H.

Dental Surgeon - - - - - W. CLEGG, L.D.S., R.C.S.

Sanitary Inspectors:

THOS. FRANCE (Chief).

Certificate, Royal Sanitary Institute;
Associate Member, Institute of Sanitary Engineers;
Meat Inspector's Certificates:—
Royal Sanitary Institute, Liverpool University.

J. H. PLATT (Additional).

Certificate, S.I.B.;
Associate Member, Royal Sanitary Institute;
Meat Inspector's Certificate—Liverpool University.

Health Visitors:

Mrs. K. BARTON, Certificate, Liverpool Hospital, and C.M.B.
Miss E. RIMMER, S.R.N., C.M.B., R.S.I.

Fever Hospital:

Mrs. FARNON, Matron.

Clerical Staff:

Miss D. M. BUCKMASTER.
R. WILLIAMS (H.M. Forces).
Mrs. I. D. PASS (Temporary).
W. GREEN (Disinfector).

SECTION A.

Area in acres—2612.21.

Population (Census, 1931)—21,629.

Registrar-General's estimate of population for birth and death-rates, 1940—18,560.

Number of Inhabited Houses (Census, 1931)—5,140.

End of 1939 (according to Rate Books)—5,511.

Rateable value—£69,876.

Sum represented by a Penny Rate—£265.

SOCIAL CONDITIONS.

The industrial occupations in Hindley were, for the most part, Cotton Spinning, Weaving and Coal Mining. There are now no Weaving Sheds and only two Cotton Mills remain. All Pits have ceased working. There was a considerable reduction in unemployment, owing to the national emergency.

The Manager of the Employment Exchange has kindly supplied me with the following information:—

The average figure for unemployment in the district during 1940 was 720, approximately 11 per cent.

The figures at the close of the year were:—

Wholly unemployed:—		
Men	229	
Women	69	
Temporarily suspended:—		
Men	40	
Women	22	
TOTAL ...	360	Approx. 6%

VITAL STATISTICS FOR THE YEAR 1940.

	Total	M.	F.
Live Births—Legitimate ...	283	141	142
Illegitimate ...	11	7	4
Total	294	148	146
Stillbirths	9	3	6
Deaths	307	150	157

Birth-rate per 1,000 of the estimated resident population—15.8.

Still-births rate per 1,000 of the total (live and still) births—29.

Death-rate per 1,000 of the estimated average population—16.5.

Deaths from Puerperal Causes:—

	Deaths.	Death-rate per 1,000 total (live and still) Births.
Puerperal Sepsis ...	Nil.	Nil.
Other Puerperal Causes ...	Nil.	Nil.

Death-rate of Infants under one year of age:—

All Infants per 1,000 live births—60.

Legitimate Infants per 1,000 legitimate live births—62.

Illegitimate Infants per 1,000 illegitimate live births—Nil.

Deaths from Cancer (all ages)—28.

Deaths from Measles (all ages)—1.

Deaths from Whooping Cough (all ages)—Nil.

Deaths from Diarrhœa (under 2 years of age)—1.

TABLE I.—Vital Statistics of whole District during 1939 and previous years.

NAME OF DISTRICT—HINDLEY URBAN.

Year.	Population estimated to middle of each year.	Births.			Total Deaths registered in the district.		Transferable Deaths		Nett Deaths belonging to the district.			
			Nett.						Under 1 year of age.		At all ages.	
		Uncorrected number.	Number.	Rate.	Number.	Rate.	of Non-Residents registered in the district.	of Residents not registered in the district.	Number.	Rate per 1000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1934	21060	274	293	13.4	190	9.0	—	76	21	71.67	263	12.5
1935	20810	278	292	14.0	204	9.8	3	73	25	85.6	273	13.1
1936	20660	252	271	13.1	234	11.3	4	70	22	81.1	301	14.5
1937	20440	240	279	13.6	218	10.7	3	81	23	82.4	291	14.2
1938	20230	227	284	14.0	201	9.9	8	75	21	73.9	275	13.5
1939	20050	224	280	13.9	179	8.8	4	70	9	31	240	12.1
1940	18560	245	294	15.8	214	11.5	1	94	18	60.6	307	16.5

	Per 1,000 Estimated Population.				Maternal Mortality Rate		
	Live Birth Rate.	Crude Death Rate	Death Rate from Tuberculosis of Respiratory System.	Death Rate from Cancer.	Per 1,000 Live Births.	Per 1,000 Total Live and Stillbirths.	Rate of Deaths under I year per 1,000 Live Births
Mean of 5 years, 1935-39	13.7	13.4	0.48	1.73	5.01	4.63	70
Year—							
1939	13.9	12.1	0.65	1.36	Nil	Nil	31
1940	15.8	16.5	0.70	1.50	Nil	Nil	60
Increase or decrease in 1940 on 5 years' average:—							
1935-39	+2.1	+3.1	+0.22	—0.23	—5.01	—4.63	—10
Previous year	+1.9	+4.4	+0.05	+0.14	Nil	Nil	+29

1940 adjusted death-rate (comparability factor, 1.08)—17.8 per 1,000.

Deaths.

	1939.	1940.
Registered in Hindley Urban District ...	179	214
Belonging to, and registered out of the District	70	94
Less deaths of non-residents transferred ...	4	1
Death-rate per 1,000 living	12.1	16.5
Infantile mortality death-rate per 1,000 births ...	87	60
Percentage death-rate of Infants—Legitimate...	3.3	Nil
Percentage death-rate of Infants—Illegitimate	12.5	Nil
Maternal Mortality rate	Nil	Nil

TABLE II.—Birth-Rate, Death-Rate and Analysis of Mortality during the year 1940.

	Birth-rate per 1,000 Total Population		ANNUAL DEATH-RATE PER 1,000 POPULATION								Rate per 1,000 Live Births	
	Live Births	Still Births	All Diseases	Enteric Fever	Small-pox	Measles	Scarlet Fever	Diphtheria	Whooping Cough	Influenza	Diarrhoea and Enteritis	Total Deaths under 1 year
Hindley	15.8	1.3	12.1	—	—	—	—	0.05	—	—	3.6	60
England and Wales	14.6	0.55	14.3	—	—	0.02	—	0.02	0.06	0.32	4.6	55
126 Greater Towns, including London, Census population ex 50,000	14.8	0.59	12.0	—	—	0.01	—	0.05	0.03	0.19	6.3	53
148 Smaller Towns, population 25 to 50,000.....	15.6	0.57	11.2	—	—	0.01	—	0.04	0.02	0.20	3.0	40
London	12.3	0.44	11.9	—	—	—	—	0.02	0.03	0.18	8.2	48

SECTION B.

General Provision of Health Services for the Area.

1. (i) See page 1 (Staff).

(ii) (a) Laboratory Facilities:—Pathological and Bacteriological Department, Wigan Infirmary, Manchester University.

(b) Ambulance Services—Adequate.

(i) For Infectious Cases—Ford Motor Ambulance, provided by the Hindley Urban District Council.

(ii) For Non-Infectious and Accident Cases—Austin Motor Ambulance.

Agreement with the Urban District Councils of Abram and Ince-in-Makerfield for joint use of Ambulance by the three Authorities concerned, garaged at Hindley, available at any hour of the night or day, and cor-ordinated with adjoining Authorities.

(c) Nursing in the Home—One District Nurse is available.

(d) Treatment Centres and Clinics—White House, Liverpool Road.

The following Clinics were held:—Minor Ailments; Pre and Post Natal; Toddlers. Dental; Ophthalmic; Sunlight; Immunisation (Diphtheria).

Infant Cases Treated at the Clinic during the Year 1940.

No. of cases treated	215
No. of attendances	422

Ante-Natal and Post-Natal Clinic during the Year 1940.

During the year 1940, 78 Ante-Natal and 10 Post-Natal cases attended the Clinic and made 171 attendances.

9 cases received treatment for the following defects:—

Disease or Defect.	No. of Cases.
Dental Caries	1
Post Influenza Debility	1
Abcess	1
Deafness (wax)	1
Anæmia	1
Urticaria	1
Hæmorrhoids	1
Hæmorrhage	1
Blepharitis	1

(e) Hospitals—Public and Voluntary.

The Infectious Diseases Hospital, situate Sandy Lane, was used for the treatment of Scarlet Fever. Arrangements for the reciprocal treatment of Scarlet Fever and Diphtheria were made with Ince Urban District Council. Other infectious cases requiring hospital isolation were treated at Whelley Sanatorium under an agreement with Wigan Corporation.

General.

Hospital and other Institutions available for the district:—

General Medical and Surgical:—

Ancoats Infirmary, Manchester; Royal Infirmary, Manchester, and Salford Royal Infirmary ; Wigan Royal Albert Edward Infirmary; Bolton Infirmary and Billinge Hospital.

Children—Pendlebury Children's Hospital and Ancoats Infirmary.

Venereal Diseases—Wigan Royal Albert Edward Infirmary.

Tuberculosis—County Sanatoria and Hospital.

Chronic Sick—Billinge Hospital.

Mental Diseases—County Hospitals.

Orthopædic—Scheme in operation with Lancashire County Council at Wigan.

Ear, Nose and Throat—Manchester and Wigan Infirmaries.

Puerperal Fever and Pyrexia—Arrangements with Wigan Infirmary.

A sum of £100 is contributed by the Hindley Urban District Council to the Manchester and Salford Charities' Fund. This sum is there apportioned to the various Hospitals in Manchester and Salford.

These facilities are duly appreciated and freely used by the inhabitants of Hindley.

3. Maternity and Child Welfare.

Births notified:—M. 112, F. 120 (Illegitimate 3M., 4F.), Still-births 7, Total 239.

Notifications received:—

Same day as birth	1
One day after birth	59
Two days after birth	137
Three days after birth	42

	Births.	Still-births.
Attended at birth by Doctor (engaged) and Midwives	51	3
Attended at birth by Midwives and medical help	93	3
Attended at birth by Midwives	88	1
	232	7

Home Visits.	Infants.	1—2.	2—3.	3—4.	4—5.	Over 5.	Total.
1st Visits: 232	1,341	758	469	334	167	30	3,331

Attendances at Clinic ...	2542	794	386	212	149	—	4083
Consulted M.O.	294	83	66	26	20	—	489
Total Clinic ...	2836	877	452	238	169	—	4572

Number of Visits to Homes	2873
Pre-Natal Consultations	157
Post-Natal Consultations	14
Operations	—

One case of Ophthalmia Neonatorum was notified in the year. The infant was treated at the Clinic and made complete recovery.

New Cases:—Breast Fed, 217; Artificial Fed, 10.

(i) Midwifery and Maternity Services. Lancashire County Council is the supervising Authority. Three Municipal midwives have been allocated to Hindley.

(ii) Institutional provision for mothers or children—None.

(iii) Health Visitors—One whole-time, one part-time.

(iv) Child Life Protection—The work is carried out by the Health Visitor under the supervision of the M.O.H.

(v) Orthopædic Treatment:—Scheme in conjunction with County Council. Fifteen children under school age attended, making 26 attendances.

(vi) Dental Treatment:—Twelve sessions per annum are allocated to Maternity and Child Welfare work. 17 Pre-Natal, 3 Post-Natal and 14 Pre-School Children received dental treatment during the year.

(vii) Ophthalmic Treatment:—Fifteen children under school age were referred to the Ophthalmic Surgeon.

Refraction Cases	3
Glasses prescribed and obtained ...	3
Treatment Cases	12

(viii) Artificial Light Treatment:—8 pre-school children received treatment during the year and made 72 attendances.

TABLE III.—Infantile Mortality during the year 1940.

NAME OF DISTRICT—HINDLEY URBAN.

CAUSES OF DEATH.	Under 1 week.		1—2 weeks.		2—3 weeks.		3—4 weeks.		Total under 4 weeks.		4 weeks & under 3 mths.		3 mths. & under 6 mths.		6 mths. & under 9 mths.		9 mths. & under 12 mths.		Total Deaths under 1 year.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total
All Causes—Certified	6	6	....	....	....	....	....	....	6	6	....	2	....	1	1	....	....	2	7	11	18
Uncertified	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
WHOOPING COUGH	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
BRONCHITIS	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
PNEUMONIA	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	2	....	4	4
DIARRHŒA AND ENTERITIS	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	1
CONGENITAL DEBILITY	5	6	....	....	....	....	....	....	5	6	....	....	....	....	....	....	....	....	5	6	11
NEPHRITIS	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
DEATHS FROM VIOLENCE	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
OTHER CAUSES	1	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	1	1	2
TOTAL	6	6	....	....	....	....	....	....	6	6	....	2	....	1	1	....	....	2	7	11	18

SECTION C.

1. (i) **Water.**—The water supply is conducted from the Rivington water main of the Liverpool Corporation to a service reservoir at Westhoughton, from which it is distributed throughout the district. The supply is continuous, abundant, and of good quality. Eleven houses in the fields are not provided with a separate domestic supply. Periodic chemical and bacteriological reports prove the water potable and free from contamination.

   (ii) **Drainage and Sewerage.**—The complete reorganisation of the Platt Bridge Sewage Works is in progress.

2. **Rivers and Streams.**—No action required.

3. (i) **Closet Accommodation.**—There are 17 pail closets and 42 privy middens in the district. No sewer being available, 83 houses have not separate sanitary accommodation.

   (ii) **Public Cleansing.**—This was carried out—apart from Platt Bridge and Hindley Green, which districts are let by contract—under the supervision of the Surveyor, by the Council's workmen.

   (iii) **Sanitary Inspection of the Area.**—The Medical Officer of Health supervises the work of the department generally, visits special premises at least once annually, and personally investigates all conditions reported to him by the Sanitary Inspector as injurious to health, or likely to become so. Each individual case of infectious disease is reviewed and instructions given with regard to its removal to hospital, or isolation at home.

   (iv) **Shops.**—Sanitary conditions supervised and improvements progressing.

   (v) **Smoke Abatement.**—Four observations were made. No legal proceedings were taken. Interviewed owners on one occasion and conferred with stokers on method of firing.

   (vi) **Swimming Baths and Pools.**—None in the district.

(vii) **Eradication of Bed Bugs.**

(1) (a) Council Houses infested 7

Council Houses disinfested 7

(b) Other Houses found to be infested 12

Other Houses disinfested 12

(2) Methods employed for freeing infested houses from bed bugs. Houses fumigated with Hydrogen Cyanide, spraying with Zaldecide and by fumigating with Sulphur.

(3) Methods employed for ensuring that the belongings of tenants are free from vermin before removal to Council Houses:—Complete removal of furniture and belongings carried out by Local Authority in own vans and fumigated with Hydrogen Cyanide Gas before delivery to new houses.

(4) Whether the work of disinfestation is carried out by the Local Authority or by a contractor?:—Slum Clearance by contractor; other dwellings by Local Authority.

(5) The measures taken, by way of supervision or education of tenants, to prevent infestation or re-infestation after cleansing:—Periodical inspection of houses by Sanitary Inspectors.

4. **Schools.**—The Sanitary condition of the schools in the area is satisfactory and the water supply good and sufficient.

SECTION D.—HOUSING.

(a) Statistics.

Number of houses erected during the year:—

(a) Total (including numbers given separately under (b)) ... Nil

(i) By the Local Authority ... ... —

(ii) By other Local Authorities ... ... —

(iii) By other bodies or persons ... ... Nil

(b) With State assistance under the Housing Acts:—

(i) By the Local Authority (included under (a) (i) above) —

(ii) By other bodies or persons (included under (a) (iii) above) ... ... Nil

(b) **Housing Conditions.**

Sufficiency of supply of houses.—The shortage is gradually increasing on account of:—

(a) Evacuees from other areas.

(b) Establishment of new works.

(c) Cessation of building operations.

Actions taken during the year regarding Clearance Areas and Improvement Areas:—

No Clearance or Improvement Areas were represented during the year.

Housing defects dealt with under Public Health Acts, 1936.

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)... 170

(b) Number of inspections made for the purpose ... 170

SECTION E.

(a) **Milk Supply.**—Dairies, Cowsheds and Milkshops were inspected at regular intervals and are generally clean. 11 samples examined for bacterilogical content were found to be satisfactory, and 6 unsatisfactory.

(b) **Meat and Other Foods.**—All Slaughterhouses closed under the Government Scheme.

Pigs inspected—5 (killed for home consumption).

The following food was condemned as unfit for human consumption:—

610 lbs. Meat.

33 lbs. Bacon and Ham.

20 lbs. Canned Meat.

15 lbs. Butter.

Premises used for the preparation of foods were inspected frequently and were, on the whole, satisfactory.

(c) **Adulteration, Etc.**—Action taken by Local Authority (if they are a Food and Drugs Authority) in respect of:—

(i) Food and Drugs Act, 1938:—Carried out by County Council Officials.

(ii) Other Food Acts or Regulations:—Observations made.

(d) **Nutrition.**—Addresses have been given in schools and at Clinic on the nutritional values of various dietaries.

Approximately 127 children received meals and 406 children free milk during the year.

SECTION F.

Prevalence of, and Control Over, Infectious and Other Diseases.

Twelve cases of Diphtheria were notified during the year. Antitoxin was promptly administered. Eight cases sent to Hospital.

Scarlet Fever.—47 notifications were received. 11 patients were sent to Hospital.

Three cases of Puerperal Pyrexia were notified. Two were removed to an Institution, and in each case a good recovery was made.

TABLE IV —Table showing the number of Cases of Infectious Diseases Notified from the whole district at different Age Periods, the Localities in which they occurred, and the Number removed to Hospitals during the year 1940.

Disease.	Cases notified in whole district.													Total.		Total Cases Removed tc Hospital.	Total Deaths.
	At all Ages	At Ages—years.												M.	F.		
		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and up				
Scarlet Fever	47	....	1	3	3	3	20	8	7	2	....	....	....	20	27	11	....
Diphtheria	12	....	1	....	1	....	6	2	2	....	....	....	....	11	1	8	....
Pneumonia	24	2	2	....	....	....	7	2	1	1	4	5	....	11	13	....	....
Erysipelas	2	....	....	....	....	....	....	....	1	1	....	....	....	1	1	....	....
Ophthalmia Neonatorum	1	1	....	....	.. .	....	....	....	....	....	....	....	....	....	1	....	....
Puerperal Pyrexia	3	....	....	....	....	....	....	....	....	3	....	....	....	....	3	2	....
Paratyphoid B.	1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....
Measles	283	12	24	32	35	39	131	5	4	1	....	....	....	142	141	....	....
Whooping Cough	21	3	6	5	1	2	4	....	....	....	....	....	....	12	9	....	....
Poliomyelitis	5	....	....	3	....	....	2	....	....	....	....	....	....	3	2	2	....
Dysentry	2	....	....	....	....	....	....	....	....	2	....	....	....	1	1	1	....
TOTALS	401	18	34	43	40	44	170	17	15	10	4	5	1	201	200	25	....

(a) **Prevention of Blindness.**—One case of Ophthalmia Neonatorum was notified. Treatment was carried out at the Infant Welfare Centre by the Health Visitors, under the supervision of the Medical Officer of Health, with satisfactory results.

III.—TUBERCULOSIS.

No action necessary under Public Health Tuberculosis Regulations, 1925, nor under Section 172 of Public Health Act, 1936.

The ratio of non-notified tuberculosis deaths to total tuberculosis deaths is 2 in 15.

Notification of tuberculosis is generally satisfactory.

Tuberculosis.
New Cases and Mortality during 1940.

	New Cases.				Deaths.			
			Non-				Non-	
Age Periods.	Respiratory.		Respiratory.		Respiratory.		Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
0— ...	—	—	—	—	—	—	—	—
1— ...	—	—	—	1	—	—	—	—
5— ...	—	—	2	4	—	—	—	1
15— ...	2	5	—	1	1	5	—	—
25— ...	2	3	1	—	2	1	1	—
35— ...	—	—	—	2	1	—	—	—
45— ...	3	1	—	—	1	—	—	—
55— ...	—	—	—	—	—	—	—	—
65— ...	1	1	—	—	1	1	—	—

APPENDIX II.

(1) **Local Statistics.**

(a) **Births.**

	Live Births.		
	Total.	M.	F.
Legitimate	283	141	142
Illegitimate	11	7	4
	294	148	146
Stillbirths	9	3	6

(b) **Deaths.**

(For 36 Divisions see Table V.).

Deaths of Infants under 1 year of age.

	Total.	M.	F.
Legitimate	18	7	11
Illegitimate	Nil	—	—

(See Table III).

(c) **Notifiable Diseases.**

Smallpox	Nil
Scarlet Fever	47
Diphtheria	12
Paratyphoid B.	1
Puerperal Pyrexia	3
Erysipelas	2
TOTAL ...	65

National Statistics (See Table II).

TABLE V.

Causes of and Ages at Death for the Year 1940.

Causes of Death.	Nett Deaths at the subjoined Ages of Residents whether occurring within or without the District.															
	Under 1		1 to 2		2 to 5		5 to 15		15 to 25		25 to 45		45 to 65		65 and Up.		All ages	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1—Typhoid and Paratyphoid Fever	...		...		...		...		...		...		...		...		...	...
2—Cerebro Spinal Fever	...		...		...		...		...		...		...		...		...	...
3—Scarlet Fever	...		...		...		...		...		...		...		...		...	...
4—Whooping Cough	...		...		...		...		...		...		...		...		...	...
5—Diphtheria	...		...		...		1		...		...		...		...		1	...
6—Tuberculosis of Respiratory System	...		...		...		...		1	5	3	1	1		1	1	6	7
7—Other Forms of Tuberculosis	...		...		...			1	...		1		...		...		1	1
8—Syphilitic Diseases		1	...		...		...		...		...		...		...		...	1
9—Influenza	...		...		...		...		...		1		1		1	2	3	2
10—Measles	...		...		...			1	...		...		...		...		...	1
11—Acute Polio-myelitis and Polio-Encephalitis ...	...		...		...		1		...		...		...		...		1	...
12—Acute Infantile Encephalitis	1		...		...		...		...		...		...		...		1	...
13—Cancer of Bronchial Cavity and Oesophagus (M.) Uterus (F.)	...		...		...		...		...		...			1	1		1	1
14—Cancer of Stomach and Duodenum	...		...		...		...		...			1	1	1	2	2	3	4
15—Cancer of Breast	...		...		...		...		...		...			1		2	...	3
16—Cancer of all other sites	...		...		...		...		...			1	5	6	2	2	7	9
17—Diabetes	...		...		...		...		...		1	1		1	1		2	2
18—Intra-cranium; Vascular Lesions	...		...		...		...		...		...		2	7	15	9	17	16
19—Heart Disease	...		...		...		...		1		1	4	9	12	7	15	18	31
20—Other Diseases of Circulatory System	...		...		...		...		1		...		4	1	11	5	16	6
21—Bronchitis	...		1		...			2	...		2	2	6	5	11	13	20	22
22—Pneumonia		4	2	1	1		2		...		1		2	2	2	3	10	10
23—Other Respiratory Diseases	...		...		...		...		...		...		1			1	1	1
24—Ulcer of Stomach or Duodenum	...		...		...		...		...		...		1			1	1	1
25 Diarrhœa (under 2 years)	1		...		...		...		...		...		...		...		1	...
26—Appendicitis	...		...		...		...			1	1	1	...		...		1	2
27—Other Digestive Diseases	...		...		1			1	...		...			1		2	1	4
28—Nephritis	...		...		...		...		...		2	2	1	1	2	1	5	4
29—Puerperal and Post-Abortion Sepsis	...		...		...		...		...		...		...		...		...	...
30—Other Maternal Causes	...		...		...		...		...		...		...		...		...	...
31—Premature Birth	3	3	...		...		...		...		...		...		...		3	3
32—Conjunctive; Malformation; Birth Injuries; Infant Diseases	2	3	...			1	...		...		...		...		...		2	4
33—Suicide	...		...		...		...		...		...		...		...		...	...
34—Road Traffic Accidents	...		...		...		1		...		...		2		...		3	...
35—Other Violent Causes	...		1		1	1	1		1		3	1	1		1	2	9	4
36—All Other Causes	...		...		...		...		...		...		3	5	12	13	16	18
TOTALS	7	11	4	1	3	2	6	5	4	6	17	14	40	44	69	74	150	157

Sanitary Inspector's Report for 1940.

To the Chairman and Members of the Sanitary Committee.

Gentlemen,

I have pleasure in presenting a summary of work carried out in the Health Department for the year 1940, this being the twenty-fifth Annual Report I have been privileged to submit.

In accordance with instructions, the report is in abridged form and will comprise chiefly of statistics.

Housing.

Although difficulties have been experienced in obtaining materials and labour for housing repairs, the work has proceeded with reasonable success, and only essential repairs enforced. Major improvements are allowed to be deferred for the time being, on an undertaking being given that the work shall proceed when conditions are more favourable.

Inspections.

Brought forward from 1939 (works incomplete)	19
No. inspected, 1940	170
	189
Demolished	2
Reconditioned	115
Outstanding, 1940	72
	189

Re-Housing.

Two houses were demolished during the year and the occupants re-housed. These properties could not be made reasonably habitable.

Overcrowding.

Increasing, mainly by incursion of evacuees. These are gradually being relieved as Council Houses come vacant, and as provision is made available in other directions. Many premises previously unoccupied have been conditioned and made reasonably habitable.

Eradication of Bed Bugs.

Infested buildings and dwellings numbering 19 (7 of which were Council Houses) were fumigated with Zaldecide. The cost of disinfestation has, in all cases, been borne by the owners.

Several houses infested with other forms of vermin (cockroaches, fleas, etc.) were treated with insecticides and Sulphur Dioxide.

Provision and Replacement of Ash Bins.

Ashbins and ashtubs falling in disrepair, numbering 36, were renewed by covered galvanised ashbins.

Disinfection.

Disinfectants, supplied free, liquid and powder. Special bottles being provided. A charge of 3d. is made for the first bottle and is exchanged free. During the year 2,387 bottles were supplied to residents, 1,049 at the Health Office, 816 at your distributing station at Platt Bridge, and 522 at your Hindley Green station—191 sales and 2,196 re-issues.

For disinfection of houses after infectious disease, a 5 per cent. solution of Formalin is generally used in the form of a spray, although Formic Vaplamps, in gaseous form, and sulphur candles are stocked and used in certain cases.

The Elementary Schools were sprayed internally with a disinfectant solution during end of the vacation of Easter, Whitsun, Summer, October and Christmas.

Schools disinfected—30.

During the year 103 houses were disinfected after infectious disease. 860 articles of clothing passed through the steam disinfector.

During the year 433 articles were disinfected for a neighbouring Authority.

Number of articles destroyed, chiefly straw mattresses—98.

Meat Inspection.

Pigs (killed for home consumption) inspected—5.

13 Licences to slaughter animals were granted to slaughtermen under the Slaughter of Animals Act, 1933.

The meat supply is generally of a fairly high standard. Constant supervision is maintained.

The following food was condemned as unfit for human consumption:—

Meat	610 lbs.
Canned Meat	20 lbs.
Bacon and Ham	33 lbs.
Butter	15 lbs.

The Livestock (Restrictions on Slaughterings) Order, 1940, came into operation on the 15th January, 1940, and provided that no person shall, for human consumption, slaughter or cause to be slaughtered, any livestock as defined in the Order, except wth the authority of the Ministry of Food, and therefore all slaughtering in your area was prohibited from that date, excepting pig keepers slaughtering for their own consumption.

Summary of Inspections and General Sanitary Work.

Nuisances brought forward from 1939 ...	454
Nuisances reported to Committee during 1940	989
Nuisances abated during 1940	1148
Number of letters sent	196
Number of Preliminary Notices	89

Number of Statutory Notices	34
Number of School Notices	34
Number of Parents' Notices	35
Number of Houses Disinfected	122
Number of Articles Disinfected	860
Number of Premises Inspected	408
Factories	63
Slaughter-houses	—
Bakehouses	29
Dairies and Cowsheds	46
Offensive Trades	43
Picture Halls	7
Number of Visits re Infectious Disease ...	192

Summary of Nuisances Dealt With.

Defective Water Supply and Cistern and W.C. Pedestals	228
Choked Drains	196
Defective Ovens and Boilers	49
Defective Roofs	65
Defective Floors	38
Irregular and Insanitary Yard Surfaces ...	32
Dampness	2
Defective Gutters, Gullies and Downspouts...	52
Absence of Refuse Receptacles	36
Accumulation of Refuse, etc.	4
Insufiicient Light and Ventilation	28
Defective Grates	43
Verminous Houses	14

Overcrowding	1
Defective Doors, Door-frames, Windows, Window-frames	42
Insanitary Slop Sinks and Waste Pipes ...	46
Defective Yard Walls and Gable Walls ...	31
Defective Plasterwork	47
Insanitary Condition of Factories and Workshops	4
Insanitary Condition of Cowsheds and Dairies	11
Other Nuisances	20

Factories and Workshops Act.

Inspection of Factories, Workshops and Workplaces.

Including inspections made by Sanitary Inspector.

Premises. (1)	Inspections. (2)	Number of Written Notices (3)
Factories (including Factory Laundries) ...	21	2
Workshops (including Workshop Laundries) ...	73	3
Workplaces (other than outworkers' premises)	11	—
	105	5

(2) Defects Found.

Particulars.	Found.	Remedied.
Nuisances under the Public Health Acts:—		
Want of cleanliness	4	4
Other Nuisances	2	2
TOTAL ...	6	6

Bakehouses.

There are 16 bakehouses in the district, wholesale and retail. 29 visits have been made during the past year. In 3 instances it was necessary to call the attention of the occupier to the condition of the premises, particularly with regard to the limewashing of the walls and ceilings, otherwise they are fairly clean and well kept.

Offensive Trades.

Two such trades are established in your district:—

Croft's Tripe Works, Atherton Road, Hindley.

Stanway's Knacker Yard, Chapel Fields, Hindley.

Each is limewashed frequently. The former is immediately behind property and boiling is carried out in open pans. No condensing apparatus is available.

Knacker Yard.—Only the meat is boiled on the premises. This is done in open pans, no condensing appartus being available. All offals are stored and removed (untreated) twice perweek to another district. The premises, although distant from other properties, are not kept and maintained in a manner so essential for this type of business, 43 visits being paid to these premises during the year.

Dairies, Cowsheds and Milkshops.

The number of retail purveyors on the register at the end of the year was 17 farmers, 5 dairymen and 42 retailers of bottled milk (12 pasteurised and 30 sterilised). The cowsheds and dairies of the producers are fairly well kept, and the walls and ceilings limewashed at least twice during the year, i.e., May and November.

Samples of milk were submitted for analysis under the Food and Drugs Acts. 17 samples of milk were taken for bacterilogical examination by your officers, 11 of which were found to be satisfactory and 6 unsatisfactory.

1 Retailers' Licence was issued for sale of Accredited Milk.

1 Retailers' Licence was issued for sale of Certified Milk.

12 Retailers' Licences were issued for the sale of Pasteurised Milk.

Sale of Food and Drugs Acts.

I am indebted to Superintendent Duxbury and Mr. J. Mercer, County Sanitary Inspector, for the following list of samples taken:—

Milk	18
Cheese	1
Beef Suet	1
Jam	1
Coffee	1
Lard Substitute	1
Margarine	1
Tea	1
Beef Dripping	1
Cornflour	1
Ground Rice	1
Custard Powder	1
Pork Sausage	2
	31

One sample of Pork Sausage was found to contain an excess of preservative, but the other sample—taken as a comparative sample—was found to be genuine. All other samples were genuine.

Smoke Observations.

The number of timed observation was four. In one instance the emission of smoke from a factory chimney was found to be excessive. The firm was notified and action taken which resulted in its abatement.

Prevalence and Control of Infectious Diseases.

All cases of notifiable infectious diseases notified are visited, necessary enquiries are made anl advice given as to isolation, etc. Disinfection is carried out after recovery or removal to hospital.

Red Cross Ambulance Services.

The number of patients removed in 1940 was 738.

Number of cases removed to and from Manchester...	60
Number of cases removed to and from Wigan ...	494
Number of cases removed to and from Leigh... ...	112
Other cases	72
	738

Total mileage recorded ... 8,807.9.

I desire to tender my sincere thanks to the Chairman of the Public Health Committee and the Council, the Clerk, Surveyor, other Officials and members of the Staff for their co-operation and assistance at all times.

THOS. FRANCE,

Chief Sanitary Inspector.

Engineer's and Surveyor's Office,
Council Offices,
Hindley,
11th January, 1941.

Particulars of Rainfall, etc., recorded at Platt Bridge Sewage Works during the year ending 31st December, 1940.

Height of Rain Gauge—98.64 feet above sea level.
Height of Barometer—104.00 feet above sea level.

Month	Mean Monthly Temp.	Mean Monthly Pressure	No. of days on which rain fell	Max. fall in 24 hours in inches		Total Monthly Rainfall
January ...	29.26	30.08	7	27th	0.49	2.64
February ...	36.52	29.76	11	27th	0.62	2.73
March ...	40.65	29.85	13	17th	0.55	2.75
April ...	46.67	29.86	11	3rd	0.37	2.24
May ...	55.74	30.00	8	17th	0.53	1.67
June ...	65.27	30.11	6	21st	0.41	0.99
July ...	62.71	29.99	16	26th	0.94	4.15
August ...	60.51	30.13	12	18th	0.44	1.53
September ...	53.86	29.97	15	16th	1.13	3.95
October ...	47.84	29.85	11	31st	0.78	4.21
November ...	43.20	29.59	21	11th	1.48	7.01
December ...	38.77	30.01	15	29th	0.73	3.95
Totals for the year 1939:—			146			37.82

Total weight of rain which fell in Hindley during the year 1940:—
9,974,949 tons.

Rainfall in inches.

1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
42.56	44.51	42.58	28.36	32.02	29.55	39.26	30.96	43.79	41.23

Thermometer Readings.		Barometer Readings.	
Highest for the year ...	74°F.	Highest for the year ...	30.44
Lowest for the year ...	14°F.	Lowest for the year ...	28.56
Mean for the year ...	48.42°F.	Mean for the year ...	29.93

OSWALD P. ABBOTT,
Engineer and Surveyor,
Council Offices,
Hindley,
11th January, 1941.